Table 8. Relation of variables influenced by land management activities and associated potential erosional process impacts. (D = Direct Potential Impact; I = Indirect Potential Impact; Blank = Little to No Impact)

Land Management and Stream Alterations, Activities, or Conditions	Key Stream and Sediment Variables Influenced by Land Management Alterations/Activities/Conditions								
	Surface Erosion	**Mass Erosion**	**Gully Erosion**	**Streambank Erosion**	**Channel Enlargement**	**Aggradation**	**Degradation**	**Channel Succession State**	**Sediment Delivery Efficiency**
1. Stream flow changes (magnitude/ duration)		I	D	D	D	D	D	D	I
2. Riparian Vegetation change (composition/density)			D	D	D	D	D	D	I
3. Surface disturbance (% bare ground/compaction)	D	I (debris torrents)	D (rills-gulllies)	I	I	I	I	I	D
4. Surface/sub-surface slope hydrology	D	D	D	I	I	I	I	I	D
5. Channel impacts that destabilize channel			D	D	D	D	D	D	I
6. Clear water discharge			D	D	D	I	D	D	
7. Loss of stream buffers surface filters, ground cover	D		I						D
8. Altered dimension, pattern, profile				D	D	D	D	D	
9. Excess sediment deposition/supply				D	D	D	D	D	
10. Large woody debris in-channel		D	D	D	D	D	D	D	
11. Stream power change, re-distribution of energy			D	D	D	D	D	D	